

AMENDMENT TRANSMITTAL LETTER (Large Entity)Applicant(s): **Tadashi Senoo et al.**

Docket No.

112857-037

Serial No.

09/162,992

Filing Date

September 30, 1998

Examiner

T. Dove

Group Art Unit

1745Invention: **GEL ELECTRODE SECONDARY CELL****RECEIVED****FEB 21 2003****TC 1700**TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	9 -	10 =	0 x	\$18.00	\$0.00
INDEP. CLAIMS	1 -	1 =	0 x	\$84.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00

- ☒ No additional fee is required for amendment.
- ☐ Please charge Deposit Account No. _____ in the amount of _____
A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of _____ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. **02-1818**
A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 C.F.R. 1.16.
- ☐ Any patent application processing fees under 37 CFR 1.17.

*Signature*Dated: **February 11, 2003**

Thomas C. Basso
Reg. No. 46,541
BELL, BOYD & LLOYD LLC
P.O. Box 1135
Chicago, IL 60690-1135
Phone: 312-807-4310

I certify that this document and fee is being deposited on 02-11-2003 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

*Signature of Person Mailing Correspondence***Robert J. Buccieri***Typed or Printed Name of Person Mailing Correspondence*

cc:

AK/1700

TRANSMITTAL LETTER
(General - Patent Pending)

RECEIVED

Docket No.
112857-037

FEB 21 2003

In Re Application Of: Tadashi Senoo et al.

TC 1700

Serial No.
09/162,992

Filing Date
September 30, 1998

Examiner
T. Dove

Group Art Unit
1745

Title: GEL ELECTRODE SECONDARY CELL



TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is:

Amendment Transmittal Letter (duplicate); Response to Office Action (5 pgs.); and return receipt postcard.

in the above identified application.

- ☒ No additional fee is required.
- ☐ A check in the amount of _____ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 02-1818 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of _____
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.

Signature

Dated: February 11, 2003

Thomas C. Basso
Reg. No. 46,541
BELL, BOYD & LLOYD LLC
P.O. Box 1135
Chicago, IL 60690-1135
Phone: (312) 807-4310

I certify that this document and fee is being deposited on 02-11-2003 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231

Signature of Person Mailing Correspondence

Robert J. Buccieri

Typed or Printed Name of Person Mailing Correspondence

CC:



UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Tadashi Senoo, et al.
Appl. No.: 09/162,992
Filed: September 30, 1998
Title: GEL ELECTRODE SECONDARY CELL
Art Unit: 1745
Examiner: T. Dove
Docket No.: 112857-037

RECEIVED

FEB 21 2003

TC 1700

#26/P(NE)
222.3

Assistant Commissioner for Patents
Washington, DC 20231

Do Not Enter

OK to Enter

RESPONSE TO OFFICE ACTION

In response to the Office Action dated November 13, 2002, please amend the above-identified patent application as follows:

In the Claims:

Please amend claim 12 as follows:

12. (Three Times Amended) A gel electrolyte secondary cell comprising:
a positive electrode;
a negative electrode comprising a current collector and a powder mixture including a graphitized carbonaceous material obtained from a plurality of meso-carbon micro-beads and a binder, wherein the powder mixture is coated on the current collector at a thickness ranging from 10 μm to 200 μm ; and
a gel electrolyte comprising an electrolyte salt, a non-aqueous solvent and a high-molecular weight material having a number average molecular weight ranging from 5000 to 500000 wherein the non-aqueous solvent at least includes propylene carbonate in an amount ranging from 10 mol% to 75 mol% and ethylene carbonate.

Please cancel claim 5 without prejudice or disclaimer.